

RESPONSE TO RESTRICTION AND ELECTION OF SPECIES REQUIREMENTS AND
PRELIMINARY AMENDMENT

Attorney Docket No.: Q97406
Application No.: 10/599,680

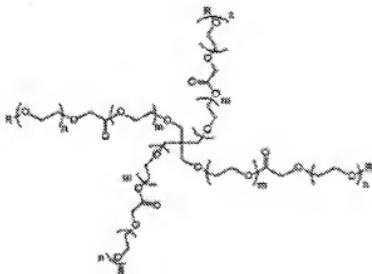
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) Pentaerythritol derivatives represented by the following formula 1:

Formula 1



(Wherein R is the same or different, saturated or unsaturated, linear or branched alkyl groups of 1 to 24 carbon atoms having hydrogen or hydroxy group or not independently saturated or unsaturated C6-C18 alkyl group; m and n are the same or different integers of which m is 0 to 10 and n is 1 to 10).

2. (currently amended): A method for preparing the pentaerythritol derivatives according to claim 1, characterized in that it comprises the steps of:

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1) Synthesizing synthesizing pentaerythritol derivatives by refluxing pentaerythritol, pentaerythritol ethoxylate or pentaerythritol propoxylate with a carboxylic acid having ethylene glycol repeat unit (-OCH₂CH₂O-), in the presence of acid catalyst; and

2) Purifying purifying the pentaerythritol derivatives prepared in step (1).

3. (withdrawn) The method for preparing the pentaerythritol derivatives according to claim 2, characterized in that said pentaerythritol ethoxylate or pentaerythritol propoxylate in step (1) has 4 to 40 ethylene glycol repeat units (-OCH₂CH₂O-) or propylene glycol repeat units (-OCH₂CH₂CH₂O-) in its molecule.

4. (withdrawn) The method for preparing the pentaerythritol derivatives according to claim 2, characterized in that said carboxylic acid in step (1) is saturated or unsaturated, linear or branched carboxylic acid of 6 to 75 carbon atoms having ethylene glycol repeat units (-OCH₂CH₂O-).

5. (withdrawn) The method for preparing the pentaerythritol derivatives according to claim 4, characterized in that said carboxylic acid is selected from the group consisting of glycolic acid ethoxylate 4-tert-butylphenyl ether, glycolic acid ethoxylate 4-nonylphenyl ether, glycolic acid ethoxylate hexyl ether, glycolic acid ethoxylate heptyl ether, glycolic acid ethoxylate octyl ether, glycolic acid ethoxylate nonyl ether, glycolic acid ethoxylate decyl ether, glycolic acid ethoxylate lauryl ether, glycolic acid ethoxylate tetradecyl ether, glycolic acid

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ethoxylate hexadecyl ether, glycolic acid ethoxylate stearyl ether and glycolic acid ethoxylate
oleyl ether.

6. (Original) A liquid crystal base, characterized in that it comprises the
pentaerythritol derivatives according to claim 1 in the amount of 10 to 70 wt%.

7. (Original) A skin moisturizer containing the pentaerythritol derivatives according
to claim 1.